

Converting Colors

Hex(26F177)

Have a look what the booklet for
Hex(26F177) contains.

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Color

Hex(26F177)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 26F177 |
| RGB | 38, 241, 119 |
| RGB Percent | 15%, 95%, 47% |
| CMY | 0.8510, 0.0549, 0.5333 |
| CMYK | 0.84, 0.00, 0.51, 0.05 |
| HSL | 144°, 88%, 55% |
| HSV | 144°, 84%, 95% |
| XYZ | 35.5844, 64.6546, 28.0569 |
| YIQ | 166.3950, -81.8260, -80.9780 |

Conversions

Conversions Part 2

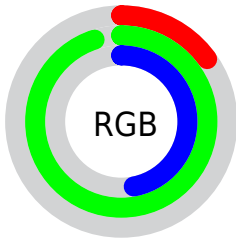
| Format | Color |
|-------------------------------------|----------------------------------|
| R_{YB} | 38, 183, 241 |
| Decimal | 2552183 |
| CIE _{Lab} | 84.31, -71.99, 45.67 |
| CIE _{LCh} | 84, 85.251, 147.607 |
| Yxy | 64.6546, 0.2774, 0.5039 |
| Android (android.graphics.Color) | 4280742263 (0xFF26F177) |
| YUV | 166.3950, -23.3657, -112.6024 |
| Hunter-Lab | 80.4081, -61.7194, 35.5975 |

Details

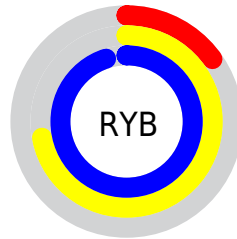
The Hex color **26F177** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F126A0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **79FFAD**, and **00B743** is the 20% darker color. If you saturate the color by 10%, you get **0EF169**, and if you desaturate by 10%, it is **3EF185**.

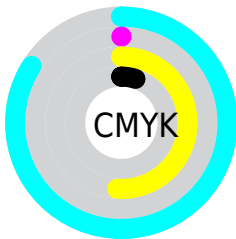
Distribution



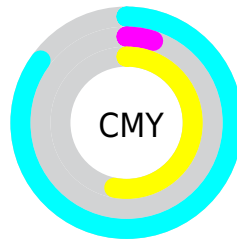
- Red (15%)
- Green (95%)
- Blue (47%)



- Red (15%)
- Yellow (72%)
- Blue (95%)



- Cyan (84%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (85%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26F177 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 26F177 by changing the saturation by 10% instead.

 26F177

 26F177


FFFFFF

 00D45D


 79FFAD

 00B743

 9AFFC9

 009B29

 BAF FE6

 008009

 DAFFFF

 006500

 FAFFFF

 004B00

 003300

 001800

 000000

 26F177

 26F177

 0EF169

 3EF185

 00F160

 56F194

 6EF1A2

 86F1B1

 9EF1BF

 B7F1CE

 CFF1DC

 E7F1EB

 FFF1F9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1E32D



26F177



00F7C9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26F177



00DEFF



FF8C8D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26F177



F126A0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF82DC



26F177



C4C0FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26F177



00F0FF



FF9BFF



FFAC47

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26F177



00F8FF



FF9BFF



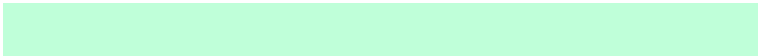
FF84A7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26F177



BFFFD9



A3F126



598069



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26F177



00FF66



26F1D9



6C7871



00B849



003816

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F126A0



FF0099



F1263E



786C73



B8006E



380022

Previews

White Background



This preview shows how the Hex color 26F177 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 26F177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 26F177 Background



This preview shows how black text looks on a background with the Hex color 26F177.

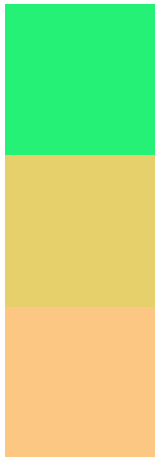


This preview shows how white text looks on a background with the Hex color 26F177.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

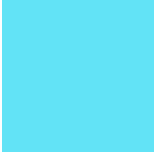
Dichromacy



Original Color
26F177

Protanopia
E6D06C

Deuteranopia
FCC782



Tritanopia
62E3F6

Trichromacy



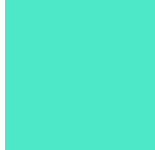
Original Color
26F177



Protanomaly
A0DC70



Deuteranomaly
AED67E



Tritanomaly
4CE8C8

Monochromacy



Original Color
26F177



Achromatopsia
A6A6A6



Achromatomaly
77C195

CSS Examples

Text

The CSS property to change the color of the text to Hex 26F177 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #26F177 looks like.

```
.text, #text, p{  
    color:#26F177  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #26F177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26F177
}
```

Border

The CSS property to change the border of an element to Hex 26F177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26F177 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#26F177 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #26F177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26F177; -webkit-box-shadow:4px 4px  
4px 4px #26F177; box-shadow:4px 4px 4px  
4px #26F177 }
```

Background

The CSS property to change the background color of an element to Hex 26F177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26F177 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#26F177 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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